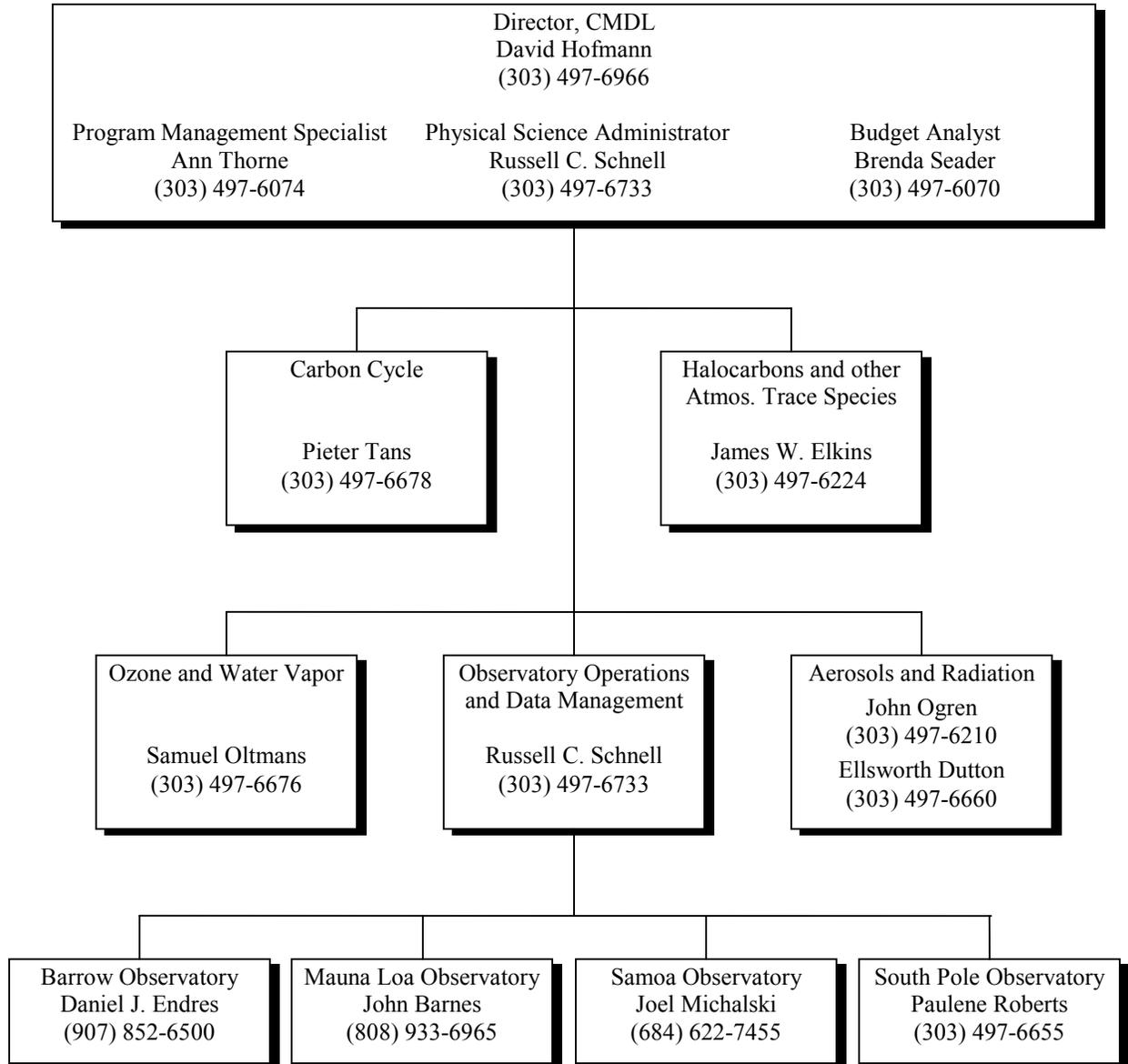


## CMDL Organization, 2001

The CMDL organization structure features five research areas organized according to scientific discipline as follows: (1) Carbon Cycle; (2) Halocarbons and other Atmospheric Trace Species; (3) Ozone and Water Vapor; (4) Aerosols and Radiation; and (5) Observatory Operations. At the end of 2001, the laboratory staff consisted of 50 Civil Service personnel (excluding part-time student assistants), 26 CIRES/University of Colorado personnel, and 2 NOAA Corps officers, as well as several visitors and people on special appointments.



# CMDL Staff, 2001

## Director's Office

David J. Hofmann, Director  
Russell C. Schnell, Phys. Sci. Admin.  
Ann Thorne, Pgm. Management Specialist  
Brenda Seader, Budget Analyst  
Linda Sachetti, Admin. Assistant  
Rita Rosson, Editorial Assistant

## Special Projects

Lori Bruhwiler, Physical Scientist  
Eric Hackathorn, Computer Specialist

## Aerosols and Radiation

Ellsworth Dutton, Meteorologist  
John Ogren, Physical Scientist  
Connie Craig, Secretary  
Elizabeth Andrews, CIRES  
Gail Anderson, USAF  
Greg Bland, Student  
Barry Bodhaine, Meteorologist  
David Jackson, Electronic Technician  
Anne Jefferson, CIRES  
David Longenecker, CIRES  
Donald Nelson, Meteorologist  
Katie O'Gara, CIRES Student  
Patrick Sheridan, Physical Scientist  
Robert Stone, CIRES  
Renee Tatusko, Physical Scientist  
James Treadwell, Electronic Technician  
James Wendell, Electronic Technician  
Norman Wood, CIRES

## Ozone and Water Vapor

Samuel Oltmans, Physicist  
Beverly O'Donnell, Secretary  
Gloria Carbaugh, Physical Scientist  
Dan Chao, Phys. Science Aid  
Mark Clark, CIRES  
Robert Evans, Research Scientist  
Joyce Harris, Research Physical Scientist  
Bryan Johnson, Research Chemist  
Michael O'Neill, CIRES  
Dorothy Quincy, CIRES  
Eric Rice, CIRES Student  
David Sherman, CIRES  
Brian Vasel, CIRES  
Holger Vömel, CIRES  
Brooke Walsh, Student

## Carbon Cycle

Pieter Tans, Senior Scientist  
Connie Craig, Secretary  
Peter Bakwin, Physicist  
Thomas Conway, Research Chemist  
Ed Dlugokencky, Research Chemist  
Sara Fletcher, CIRES Grad. Res. Asst.  
Douglas Guenther, CIRES  
Michael Hahn, CIRES  
Duane Kitzis, CIRES  
Patricia Lang, Physical Scientist  
Kenneth Masarie, Research Physicist  
John Miller, CIRES Grad. Res. Asst.  
Anthony Nepomuceno, Phys. Science Aid  
Paul Novelli, Research Chemist  
Karen Partak, CIRES  
Natalie Paynter, CIRES  
Britt Stephens, CIRES  
Kirk Thoning, Physicist  
Michael Trudeau, CIRES  
Conglong Zhao, CIRES

## Halocarbons and other Atmospheric Trace Species

James Elkins, Supervisory Physicist  
Debra Hansen, Secretary  
James Butler, Research Chemist  
Geoffrey Dutton, CIRES  
Brad Hall, Physical Scientist  
Dale Hurst, CIRES  
Daniel King, CIRES  
Eric Kline, CIRES  
Debbie Mondeel, CIRES  
Steve Montzka, Research Chemist  
Fred Moore, CIRES  
David Nance, CIRES  
Karen Pietruszka, Student  
Pavel Romashkin, CIRES  
Thayne Thompson, Physicist

## Observatory Operations

Russell C. Schnell, Phy. Sci. Admin.  
Debra Hansen, Secretary  
Andrew Clarke, Chemist  
Thomas Mefford, CIRES  
Donald Neff, Physicist  
  
Daniel Endres, Physicist,  
Station Chief, **Barrow**  
Glen McConville, Electronic Technician  
  
John Barnes, Physicist,  
Director, **Mauna Loa**  
Leslie Pajo, Office Automation Clerk  
Paul Fukumura-Sawada, Electronic Engineer  
Darryl Kuniyuki, Electronic Engineer  
Steven Ryan, Physical Scientist  
Robert Uchida, Electronic Technician  
Alan Yoshinaga, Chemist  
  
Joel Michalski, NOAA Corps,  
Station Chief, **Samoa**  
Malcom Gaylord, Electronic Engineer  
  
Paulene Roberts, NOAA Corps,  
Station Chief, **South Pole**  
Eric Sandberg, Electronic Engineer  
Scott Wingerter, NOAA Corps  
Loreen Lock, Chemist

## CMDL Station Information

Name:	<b>Barrow (BRW)</b>	<b>Mauna Loa (MLO)</b>
Latitude:	71.323°N	19.539°N
Longitude:	156.609°W	155.578°W
Elevation:	8 m	3397 m
Time Zone:	GMT – 9	GMT – 10
Office Hours:	8:00 am-5:00 pm	8:00 am-5:00 pm
Telephone		
Office hours:	(907) 852-6500	(808) 933-6965
Fax:	(907) 852-4622	(808) 933-6967
Postal Address:	Officer in Charge NOAA CMDL Pouch 888 Barrow, AK 99723	U.S. Dept. of Commerce NOAA - Mauna Loa Observatory, Rm. 202 P.O. Box 275 Hilo, HI 96721
Freight Address:	Officer in Charge NOAA CMDL 617 Cunningham Barrow, AK 99723	U.S. Dept. of Commerce NOAA - Mauna Loa Observatory 154 Waianuenue Ave. Hilo, HI 96720-2452
Name:	<b>Samoa (SMO)</b>	<b>South Pole (SPO)</b>
Latitude:	14.232°S	89.997°S
Longitude:	170.563°W	102.0°E
Elevation:	77 m	2837 m
Time Zone:	GMT – 11	GMT + 12
Office Hours:	8:00 am-5:00 pm	8:00 am-5:00 pm
Telephone:		
Office hours:	011 (684) 622-7455	Relayed through CMDL Boulder
After hours:	011 (684) 258-2847	
Fax:	011 (684) 622-7455	
Postal Address:	Officer in Charge U.S. Dept. of Commerce NOAA - CMDL Samoa Observatory Pago Pago, American Samoa 96799	Officer in Charge NOAA/CMDL Clean Air Facility S-257 South Pole, Antarctica PSC 468 Box 402 FPO AP 96598-5402
Freight Address:	Same as above	Same as above